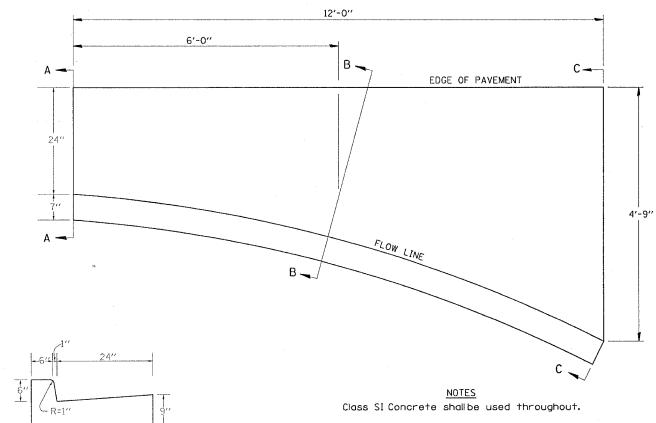


## STANDARD INLET FOR CURB & GUTTER TYPE B-6.24



The Curb and Gutter inlet will be paid for at the contract unit price per cubic yard for Class SI Concrete (OUTLETS).

Joints shallbe constructed in accordance with the requirements of Article 606.06 of the Standard Specifications.

When curb and gutter is constructed adjacent to flexible pavement, a 1" expansion joint shall be installed at construction joints.

SECTION B-B

A'-9"

9"

SECTION C-C

SECTION A-A

WEIGHT OF CAST IRON FRAME & GRATE = 240 kg (530 lbs.) ± .

STEPS SHALL BE OMITTED WHEN DEPTH OF "H" IS

LESS THAN 1.5 m (5 ft) .

35 (13/4) DIAGONAL BARS WITH
32 (1/4) OPENINCS.

1092
35 (13/4) OPENINCS.

PLAN OF FRAME PLAN OF GRATE

SEE STANDARD 602701 FOR DETAILS OF STEPS.

EXCEPT AS NOTED HEREON INLET SPECIAL SHALL
BE CONSTRUCTED IN ACCORDANCE WITH SECTION 602
OF THE STANDARD SPECIFICATIONS.

THE SIDE WALLS MAY BE BUILT AS PRECAST SEGMENTED SECTIONS.

ALL VOIDS AROUND PIPE ENTRANCE, BOTH INSIDE AND OUTSIDE, SHALL BE SEALED WITH MORTAR.

927 (36/<sub>2</sub>) 914 (36) 1092 (43) SECTION B-B

ALL DIMENSIONS ARE IN MILLIMETERS (INCHES) UNLESS OTHERWISE NOTED.

REVISED 11-10-94 1 0

10.2

-OPTIONAL CONSTRUCTION JOINT

NO. 15 (NO. 4) BARS AT 300 (12)CTS.

SEC. B-B

75 SAND CUSHION ---

SEC. A-A

(3) IF PRECAST

## DETAIL OF FRAME & GRATE

150 T

## NOTES

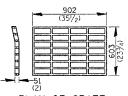
FACE OF INLET

OPTIONAL CONSTRUCTION

CLASS SI CONCRETE OR PRECAST CONCRETE SHALL BE USED THROUGHOUT. PRECAST CONCRETE SHALL BE IN ACCORDANCE WITH SECTION 504.01 THRU 504.05 OF THE STANDARD SPECIFICATIONS EXCEPT THAT CONCRETE STRENGTH SHALL BE 27.5 MPg (4,000 psi) AFTER 28 DAYS.

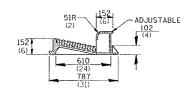
TOP OF GRATE

THE CONTRACT UNIT PRICE EACH FOR INLET SPECIAL SHALL INCLUDE THE COST OF CONSTRUCTING THE INLET BOX, FURNISHING AND INSTALLING THE FRAME AND GRATE, THE CAST IRON STEPS (IF USED), THE PRECAST FLOOR SLABS, SAND CUSHION (WHEN USED) AND REINFORCEMENT BARS.



PLAN OF GRATE \*

\* THIS GRATE TO BE USED WITHOUT CURB BOX WHEN INLET IS IN DRIVEWAY.



INLET SPECIAL

\* THE WALL ADJUSTMENTS SHALL BE MADE WITH CONCRETE BUILDING BRICK OR CLASS SI CONCRETE.

THE HEIGHT OF THE BOX MAY BE CONSTRUCTED 150 (6) SHORT TO ALLOW FOR FIELD ADJUSTMENTS.

-CURB BOX ADJUSTABLE TO 225 (9) HIGH

SECTION A-A

- QUANTITY -

Section A-A to C-C (1.23 Cu. Yds.) Class SI Concrete